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LOGINID:SSPTAJMN1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 JUL 28 CA/CAPLUS patent coverage enhanced
NEWS 3 JUL 28 EPFULL enhanced with additional legal status
information from the EPOline Register
NEWS 4 JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 5 JUL 28 STN Viewer performance improved
NEWS 6 AUG 01 INPADOCDB and INPAFAMDB coverage enhanced
NEWS 7 AUG 13 CA/CAPLUS enhanced with printed Chemical Abstracts
page images from 1967-1998
NEWS 8 AUG 15 CAOLD to be discontinued on December 31, 2008
NEWS 9 AUG 15 CAPLUS currency for Korean patents enhanced
NEWS 10 AUG 27 CAS definition of basic patents expanded to ensure
comprehensive access to substance and sequence
information
NEWS 11 SEP 18 Support for STN Express, Versions 6.01 and earlier,
to be discontinued
NEWS 12 SEP 25 CA/CAPLUS current-awareness alert options enhanced
to accommodate supplemental CAS indexing of
exemplified prophetic substances
NEWS 13 SEP 26 WPIDS, WPINDEX, and WPIX coverage of Chinese and
and Korean patents enhanced
NEWS 14 SEP 29 IFICLS enhanced with new super search field
NEWS 15 SEP 29 EMBASE and EMBAL enhanced with new search and
display fields
NEWS 16 SEP 30 CAS patent coverage enhanced to include exemplified
prophetic substances identified in new Japanese-
language patents
NEWS 17 OCT 07 EPFULL enhanced with full implementation of EPC2000
NEWS 18 OCT 07 Multiple databases enhanced for more flexible patent
number searching
NEWS 19 OCT 22 Current-awareness alert (SDI) setup and editing
enhanced
NEWS 20 OCT 22 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT
Applications
NEWS 21 OCT 24 CHEMLIST enhanced with intermediate list of
pre-registered REACH substances

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:20:01 ON 13 NOV 2008

=> FIL REG		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:20:10 ON 13 NOV 2008
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STRUCTURE FILE UPDATES: 12 NOV 2008 HIGHEST RN 1072189-85-5
DICTIONARY FILE UPDATES: 12 NOV 2008 HIGHEST RN 1072189-85-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdnoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\10541502\1.str



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chain nodes :
10 18
ring nodes :
1 2 3 4 5 6 7 8 9 12 13 14 15 16
ring bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 12-16 12-13 13-14 14-15 15-16
exact/norm bonds :
2-7 3-9 7-8 8-9 12-16 12-13 13-14 14-15 15-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

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G1:O,S

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:Atom

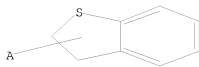
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L1 STRUCTURE UPLOADED

=> D

L1 HAS NO ANSWERS

L1 STR



Cy

G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> S L1

SAMPLE SEARCH INITIATED 11:20:26 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3168 TO ITERATE

63.1% PROCESSED 2000 ITERATIONS

3 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 59984 TO 66736

PROJECTED ANSWERS: 3 TO 225

L2

3 SEA SSS SAM L1

=> S L1 FULL

FULL SEARCH INITIATED 11:20:31 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 63159 TO ITERATE

100.0% PROCESSED 63159 ITERATIONS

71 ANSWERS

SEARCH TIME: 00.00.02

L3

71 SEA SSS FUL L1

=> FIL CAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

178.36

178.57

FILE 'CAPLUS' ENTERED AT 11:20:37 ON 13 NOV 2008

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FILE COVERS 1907 - 13 Nov 2008 VOL 149 ISS 20
FILE LAST UPDATED: 12 Nov 2008 (20081112/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> S L3

L4 12 L3

=> D IBIB 1-3

14. ANSWER 1 OF 12 CAPSUS COPYRIGHT 2008 ACS on STM
 ACCESSION NUMBER: 2009:912233 CAPSUS
 DOCUMENT NUMBER: 1491200904
 TITLE: Preparation of 4-thianthylpiperidine deriva. as
 Fungicides
 INVENTOR(S): Pasteurist, Robert James; Labri, George Phillip
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, USA
 SOURCE: PCT Int. Appl., 15pp.
 COORD: F12002
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COMET: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
MO 2008091500	A2	20080915	MO 2008-08786	20080915
MO 2008091500	A3	20080915		
W: AU, AG, AL, AM, AR, AT, BA, BE, BG, BR, BY, BF, BI, BS, CA, CH, CN, CO, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GR, GU, HK, HU, IL, IN, JP, KR, KZ, LB, LG, LU, LV, LY, MA, MD, MG, MN, MU, MW, MY, NZ, OM, PA, PE, PG, PH, PK, PL, PT, PY, RE, RU, SA, SG, SI, SK, SL, SM, SN, SV, SW, TH, TR, TT, TZ, UA, US, UZ, VC, VN, ZA, ZM, ZW				
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PR: AU, AG, AL, AM, AR, AT, BA, BE, BG, BR, BY, BF, BI, BS, CA, CH, CN, CO, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GR, GU, HK, HU, IL, IN, JP, KR, KZ, LB, LG, LU, LV, LY, MA, MD, MG, MN, MU, MW, MY, NZ, OM, PA, PE, PG, PH, PK, PL, PT, PY, RE, RU, SA, SG, SI, SK, SL, SM, SN, SV, SW, TH, TR, TT, TZ, UA, US, UZ, VC, VN, ZA, ZM, ZW				

PRIORITY APPL. INFO.: US 2007-097527 20070125

OTHER SOURCE(S): NARPAT 149:100904

15. ANSWER 2 OF 12 CAPSUS COPYRIGHT 2008 ACS on STM
 ACCESSION NUMBER: 2009:914474 CAPSUS
 DOCUMENT NUMBER: 149193246
 TITLE: Preparation of carbamate derivative Fungicides for
 sprays against Fungicidal mixtures
 INVENTOR(S): Bralve, John Anthony; Pasteurist, Robert James
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, USA
 SOURCE: PCT Int. Appl., 25pp.
 COORD: F12002
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COMET: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
MO 2008091594	A2	20080915	MO 2008-08933	20080915
MO 2008091594	A3	20080915		
W: AU, AG, AL, AM, AR, AT, BA, BE, BG, BR, BY, BF, BI, BS, CA, CH, CN, CO, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GR, GU, HK, HU, IL, IN, JP, KR, KZ, LB, LG, LU, LV, LY, MA, MD, MG, MN, MU, MW, MY, NZ, OM, PA, PE, PG, PH, PK, PL, PT, PY, RE, RU, SA, SG, SI, SK, SL, SM, SN, SV, SW, TH, TR, TT, TZ, UA, US, UZ, VC, VN, ZA, ZM, ZW				
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PRIORITY APPL. INFO.: US 2007-097527 20070125

OTHER SOURCE(S): NARPAT 149:193246

16. ANSWER 3 OF 12 CAPSUS COPYRIGHT 2008 ACS on STM
 ACCESSION NUMBER: 2007:111798 CAPSUS
 DOCUMENT NUMBER: 149106290
 TITLE: Preparation of fungicidal carbamates
 INVENTOR(S): Bralve, John Anthony; Pasteurist, Robert James; Lett, Jesse
 INVENTOR(S): Mawji, Long; Jeffrey Keith; Pasteurist, Robert James; Finkelstein, Bruce Lawrence; Smith, Brenton Todd; Fiyaschchitsky, Boris Alexandovich
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, USA
 SOURCE: PCT Int. Appl., 26pp.
 COORD: F12002
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COMET: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
MO 2007014290	A2	20070101	MO 2006-082915	20060726
MO 2007014290	A3	20070101		
W: AU, AG, AL, AM, AR, AT, BA, BE, BG, BR, BY, BF, BI, BS, CA, CH, CN, CO, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GR, GU, HK, HU, IL, IN, JP, KR, KZ, LB, LG, LU, LV, LY, MA, MD, MG, MN, MU, MW, MY, NZ, OM, PA, PE, PG, PH, PK, PL, PT, PY, RE, RU, SA, SG, SI, SK, SL, SM, SN, SV, SW, TH, TR, TT, TZ, UA, US, UZ, VC, VN, ZA, ZM, ZW				
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
AU 2004212352	A1	20070101	AU 2004-212352	20040726
CA 2614288	A1	20070101	CA 2006-267188	20060726
EP 1946649	A2	20060726	EP 2006-060788	20060726
W: AU, AG, AL, AM, AR, AT, BA, BE, BG, BR, BY, BF, BI, BS, CA, CH, CN, CO, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GR, GU, HK, HU, IL, IN, JP, KR, KZ, LB, LG, LU, LV, LY, MA, MD, MG, MN, MU, MW, MY, NZ, OM, PA, PE, PG, PH, PK, PL, PT, PY, RE, RU, SA, SG, SI, SK, SL, SM, SN, SV, SW, TH, TR, TT, TZ, UA, US, UZ, VC, VN, ZA, ZM, ZW				
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PRIORITY APPL. INFO.: US 2005-102579 20050726

OTHER SOURCE(S): NARPAT 146:106290

14 ANSWER 6 OF 12 CAPSUS COPYRIGHT 2008 ACS on STM
 ACCESSION NUMBER: 2007:2715 CAPSUS
 DOCUMENT NUMBER: 146125797
 TITLE: Paracetamol-*o*-phenanthrene pharmacophore model derived from diverse classes of inhibitors
 AUTHOR(S): Liu, Aihua; Zhang, Jiaqi; Yin, Xiaojin; Luo, Xiaomeng; Jiang, Ruiliang
 CORPORATE SOURCE: Jiangsu Bureau Pharmaceutical Research Company Ltd., Nanjing, 210045, Peop. Rep. China
 SOURCE: Chinese Medical Science Letters (2007), 2(1), 243-249
 PUBLISHER: Elsevier Inc., ISSN: 0960-894X
 DOCUMENT TYPE: English
 LANGUAGE: English
 OTHER SOURCE(S):
 REFERENCE COUNT: 37
 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS
 FORMAT

RECORD. ALL CITATIONS AVAILABLE IN THE RE

14 ANSWER 5 OF 12 CAPSUS COPYRIGHT 2008 ACS on STM
 ACCESSION NUMBER: 2005:67229 CAPSUS
 DOCUMENT NUMBER: 143112864
 TITLE: Preparation of heterocyclic moiety-containing acetylcholinesterase as pest controlling agents
 INVENTOR(S): Iwata, Ryuu; Nakahara, Takuya; Yano, Makiko; Hanai, Daiankei; Yamaguchi, Masayuki; Furukawa, Hiromichi; Kikuchi, Koichi
 PATENT ASSIGNMENT(S): Nippon Soda Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 99 pp.
 COINVENTOR(S):
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACQ. NUM. COUNT:
 PATENT INFORMATION:

PATENT NO.	FILED DATE	APPLICATION NO.	DATE
WO 2000064443	AL	20000728	MO 2000-0960
Wt: Ab, Ac, Ad, Ae, Af, Ag, Ah, Ai, Aj, Ak, Al, Am, An, Ao, Ap, Aq, Ar, As, At, Au, Av, Aw, Ax, Ay, Az, Ba, Bb, Bc, Bd, Be, Bf, Bg, Bh, Bi, Bj, Bk, Bl, Bm, Bn, Bo, Bp, Bq, Br, Bs, Bt, Bu, Bv, Bw, Bx, By, Bz, Ca, Cb, Cc, Cd, Ce, Cf, Cg, Ch, Ci, Cj, Ck, Cl, Cm, Cn, Co, Cp, Cq, Cr, Cs, Ct, Cu, Cv, Cw, Cx, Cy, Cz, Da, Db, Dc, Dd, De, Df, Dg, Dh, Di, Dj, Dk, Dl, Dm, Dn, Do, Dp, Dq, Dr, Ds, Dt, Du, Dv, Dw, Dx, Dy, Dz, Ea, Eb, Ec, Ed, Ee, Ef, Eg, Eh, Ei, Ej, Ek, El, Em, En, Eo, Ep, Eq, Er, Es, Et, Eu, Ev, Ew, Ex, Ey, Ez, Fa, Fb, Fc, Fd, Fe, Ff, Fg, Fh, Fi, Fj, Fk, Fl, Fm, Fn, Fo, Fp, Fq, Fr, Fs, Ft, Fu, Fv, Fw, Fx, Fy, Fz, Ga, Gb, Gc, Gd, Ge, Gf, Gg, Gh, Gi, Gj, Gk, Gl, Gm, Gn, Go, Gp, Gq, Gr, Gs, Gt, Gu, Gv, Gw, Gx, Gy, Gz, Ha, Hb, Hc, Hd, He, Hf, Hg, Hh, Hi, Hj, Hk, Hl, Hm, Hn, Ho, Hp, Hq, Hr, Hs, Ht, Hu, Hv, Hw, Hx, Hy, Hz, Ia, Ib, Ic, Id, Ie, If, Ig, Ih, Ii, Ij, Ik, Il, Im, In, Io, Ip, Iq, Ir, Is, It, Iu, Iv, Iw, Ix, Iy, Iz, Ja, Jb, Jc, Jd, Je, Jf, Jg, Jh, Ji, Jj, Jk, Jl, Jm, Jn, Jo, Jp, Jq, Jr, Js, Jt, Ju, Jv, Jw, Jx, Jy, Jz, Ka, Kb, Kc, Kd, Ke, Kf, Kg, Kh, Ki, Kj, Kk, Kl, Km, Kn, Ko, Kp, Kq, Kr, Ks, Kt, Ku, Kv, Kw, Kx, Ky, Kz, La, Lb, Lc, Ld, Le, Lf, Lg, Lh, Li, Lj, Lk, Ll, Lm, Ln, Lo, Lp, Lq, Lr, Ls, Lt, Lu, Lv, Lw, Lx, Ly, Lz, Ma, Mb, Mc, Md, Me, Mf, Mg, Mh, Mi, Mj, Mk, Ml, Mm, Mn, Mo, Mp, Mq, Mr, Ms, Mt, Mu, Mv, Mw, Mx, My, Mz, Na, Nb, Nc, Nd, Ne, Nf, Ng, Nh, Ni, Nj, Nk, Nl, Nm, Nn, No, Np, Nq, Nr, Ns, Nt, Nu, Nv, Nw, Nx, Ny, Nz, Oa, Ob, Oc, Od, Oe, Of, Og, Oh, Oi, Oj, Ok, Ol, Om, On, Oo, Op, Oq, Or, Os, Ot, Ou, Ov, Ow, Ox, Oy, Oz, Pa, Pb, Pc, Pd, Pe, Pf, Pg, Ph, Pi, Pj, Pk, Pl, Pm, Pn, Po, Pp, Pq, Pr, Ps, Pt, Pu, Pv, Pw, Px, Py, Pz, Qa, Qb, Qc, Qd, Qe, Qf, Qg, Qh, Qi, Qj, Qk, Ql, Qm, Qn, Qo, Qp, Qq, Qr, Qs, Qt, Qu, Qv, Qw, Qx, Qy, Qz, Ra, Rb, Rc, Rd, Re, Rf, Rg, Rh, Ri, Rj, Rk, Rl, Rm, Rn, Ro, Rp, Rq, Rr, Rs, Rt, Ru, Rv, Rw, Rx, Ry, Rz, Sa, Sb, Sc, Sd, Se, Sf, Sg, Sh, Si, Sj, Sk, Sl, Sm, Sn, So, Sp, Sq, Sr, Ss, St, Su, Sv, Sw, Sx, Sy, Sz, Ta, Tb, Tc, Td, Te, Tf, Tg, Th, Ti, Tj, Tk, Tl, Tm, Tn, To, Tp, Tq, Tr, Ts, Tt, Tu, Tv, Tw, Tx, Ty, Tz, Ua, Ub, Uc, Ud, Ue, Uf, Ug, Uh, Ui, Uj, Uk, Ul, Um, Un, Uo, Up, Uq, Ur, Us, Ut, Uv, Uw, Ux, Uy, Uz, Va, Vb, Vc, Vd, Ve, Vf, Vg, Vh, Vi, Vj, Vk, Vl, Vm, Vn, Vo, Vp, Vq, Vr, Vs, Vt, Vu, Vv, Vw, Vx, Vy, Vz, Wa, Wb, Wc, Wd, We, Wf, Wg, Wh, Wi, Wj, Wk, Wl, Wm, Wn, Wo, Wp, Wq, Wr, Ws, Wt, Wu, Wv, Ww, Wx, Wy, Wz, Xa, Xb, Xc, Xd, Xe, Xf, Xg, Xh, Xi, Xj, Xk, Xl, Xm, Xn, Xo, Xp, Xq, Xr, Xs, Xt, Xu, Xv, Xw, Xx, Xy, Xz, Ya, Yb, Yc, Yd, Ye, Yf, Yg, Yh, Yi, Yj, Yk, Yl, Ym, Yn, Yo, Yp, Yq, Yr, Ys, Yt, Yu, Yv, Yw, Yx, Yy, Yz, Za, Zb, Zc, Zd, Ze, Zf, Zg, Zh, Zi, Zj, Zk, Zl, Zm, Zn, Zo, Zp, Zq, Zr, Zs, Zt, Zu, Zv, Zw, Zx, Zy, Zz			

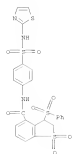
PRIORITY APPL. INT. 1 JP 2000-09996 A 20040119

OTHER SOURCE(S):
 REFERENCE COUNT: 4
 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE
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14 ANSWER 6 OF 12 CAPSUS COPYRIGHT 2008 ACS on STM
 ACCESSION NUMBER: 2007:11225 CAPSUS
 DOCUMENT NUMBER: 13824677
 TITLE: Photobrominated dihydroxyethanes. II. Synthesis of 5-alkyl-2-(1,3,6-methoxyl-2-pyridyl)ethanes and their photobrominated derivatives
 AUTHOR(S): Koyanaka, M. M.; Shoyanovitch, F. M.; Solov'ovskaya, O. Yu.; Chernoburova, E. I.; Makhova, N. N.; Yarovskaya, V. N.; Savarkin, I. V.; Martynov, A. Yu.; Shpynov, S. M.
 CORPORATE SOURCE: N. D. Zelinsky Institute of Organic Chemistry, Russian Academy of Sciences, Moscow, 119913, Russia
 SOURCE: Chemistry of Heterocyclic Compounds (New York, NY, United States) (Translation of Khimiya Geterotsiklicheskikh Soedinenii) (2002), 38 (2), 163-76
 COINVENTOR(S):
 PUBLISHER: Kluwer Academic/Consultants Bureau
 DOCUMENT TYPE: English
 LANGUAGE: English
 OTHER SOURCE(S):
 REFERENCE COUNT: 138
 THERE ARE 138 CITED REFERENCES AVAILABLE FOR THIS
 FORMAT

RECORD. ALL CITATIONS AVAILABLE IN THE RE

L4 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2009 ACS ON STN (Continued)



REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L4 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2009 ACS ON STN

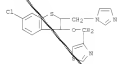
ACCESSION NUMBER: 1997:72737 CAPLUS
DOCUMENT NUMBER: 128:10643
ORIGINAL REFERENCE NO.: 128:1541a,1544a
TITLE: Identification of Novel Farnesyl Protein Transferase Inhibitors Using Three-Dimensional Database Searching Methods
AUTHOR(S): Katsuki, James O.; Rame, D. F.; Snow, Mark E.; Weber, Lloyd; Kothofsky, Marnie L.; Anderson, Samantha B.; Liu, Stanley L.
CORPORATE SOURCE: Schering-Plough Research Institute, Kenilworth, NJ, 07033, USA
SOURCE: Journal of Medicinal Chemistry (1997), 40(12), 4383-4392
PUBLISHER: CODEN: JPMOZJ; ISSN: 0022-2623
DOCUMENT TYPE: American Chemical Society
LANGUAGE: English
AB: Generation of a three-dimensional pharmacophore model (hypothesis) that correlates the mol. activity of a series of farnesyl protein transferase (FPT) inhibitors, exemplified by the prototypes 3-(4-pyridylmethyl)-4-(8-chloro-5,6-dihydro-12B-benzo[5,4-f]pyrido[4,3-b]-1H-pyridin-11-ylidene)pyridine (NCE 4836), with their chemical structure was accomplished by the 3-dimensional quant. structure-activity relationship (3D-QSAR) software program, Catalyst. On the basis of the *in vitro* FPT inhibitory activity of a training set of compds., a 5-feature hypothesis containing 4 hydrophobic and 1 hydrogen bond acceptor region was generated.

Using this hypothesis as a 3-dimensional query to search this corporate database identified 718 compds. (hits). Determination of the *in vitro* FPT inhibitory activity using available compds. from this "hitlist" identified 5 compds., representing three structurally novel classes, that exhibited *in vitro* FPT inhibitory activity, IC50 < 5 μM. From these 3 classes, a series of substituted dihydrobenzothiazepines was selected for further structure-FPT inhibitory activity relationship studies. The results from these studies is discussed.

IT 199733-02-7
RI: RAC (Biological activity or effector, except address); BDD (Biological study, unclassified); FFP (Properties); BDD (Biological study) (Farnesyl protein transferase inhibitors identification by three-dimensional database searching methods)

BN 199733-02-7 CAPLUS
CN Thiazole, 4-[[[6-chloro-2,3-dihydro-2-(1H-imidazo[1,1-b]ethyl)benzo[5]thien-3-yl]oxy]methyl]- (CA INDEX NAME)

L4 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2009 ACS ON STN (Continued)



REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L4 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2009 ACS ON STN

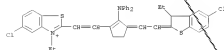
ACCESSION NUMBER: 1995:29748 CAPLUS
DOCUMENT NUMBER: 152:48589
ORIGINAL REFERENCE NO.: 122:12943a,12944a
TITLE: Near-infrared-readable ink and toner as well as recording system using same
INVENTOR(S): Murakami, Kazuo; Honda, Eiichi
PATENT ASSIGNER(S): Showa Denko Kk, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 18 pp.
CODEN: JFQJAF
DOCUMENT TYPE: Patent
FAMILY ACC. NUM. COUNT: 1
EXTENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04048932	A	19940527	JP 1992-294611	19921102
PRIORITY APPL. INFO.:			JP 1992-294611	19921102

AB An IR-erasable recording material comprises an IR-absorbing cationic dye and a bleaching agent. An IR-erasable toner contains the above material. An IR-erasable ink contains the above material as colorant.

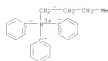
IT 160237-02-3
RI: MOA (Modifier or additive use); DES (Data) (IR-absorbing cationic dye) for IR-erasable recording
BN 160237-02-3 CAPLUS
CN Benzo[1,2-b:4,5-b']dithiazole, 5-chloro-2-[2-[(5-chloro-3-ethylbenzo[5]thien-2-ylidene)ethylidene]-2-(diphenylamino)-1-cyclopenten-1-yl]ethenyl-3-ethyl-, (7-4)-butyltriphenylborate(1-)] (PCT) (CA INDEX NAME)

CN 1
CHN 160236-99-7
CHF C40 835 C12 M2 M2



CN 2
CHN 47252-79-3
CHF C22 M24 8
OCI OCB

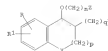
L4 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



L4 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1987:45804a CAPLUS
 DOCUMENT NUMBER: 107158844
 ORIGINAL REFERENCE NO.: 10749789a, 9772a
 TITLE: Benzo[b]thiophenes, benzo[b]furans, thiochromans, and chromans having antileukocidal activity
 INVENTOR(S): Kame, Dissanath F.; Wright, John J.; Pike, Russell E.
 PATENT ASSIGNOR(S): Schering Corp., USA
 SOURCE: Can., 76 pp.
 CDBN: CA0044
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY KCC, NUM. COUNTR.: 1
 PATENT INFORMATION:

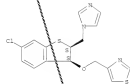
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 1213591	A1	19961104	CA 1982-400570	19920406
PRIORITY APPL. INFO.			CA 1982-400570	19920406

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AB The title compds. [I] n = 0-4; p = 0, 1; q = 0-2; R, R1 = H, halo, amino, NO2, (un)substituted alkyl, R2S up to four; a C5-7 ring; X = O, S, SO, SO2; Y = (un)substituted indolyl, 1,2,4-triazolyl; Z = (un)substituted alkyl, cycloalkyl, heterocaryl are prepared in mutatis procedures. I are useful as bactericides, protozoocides, and medical and agricultural fungicides (no data). I were formulated as oil-in-water emulsions containing active ingredient 0.5, mineral oil 50.0 mg, and white petrolatum to make 1 g.
 IT 87450-20-EP
 EL: EP (Epothetic preparation); PREP (Preparation) (preparation of, as antileukocidal agent)
 HN 87450-20-8 CAPLUS
 CN 784500, 4-[[[6-chloro-2,3-dihydro-2-(1H-indol-1-yl)methyl]benzo[b]thien-3-yl]oxymethyl]-, cas- (9CI) (CA INDEX NAME)
 Relative stereochemistry.

L4 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



L4 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1992:582201 CAPLUS
 DOCUMENT NUMBER: 97:182201
 ORIGINAL REFERENCE NO.: 97:30481a, 30484a
 TITLE: Benzo[b]thiophenes, benzo[b]furans, thiochromans and chromans and their antimicrobial compositions
 INVENTOR(S): Russell Edwin
 PATENT ASSIGNOR(S): Schering Corp., USA
 SOURCE: Eur. Pat. Appl., 68 pp.
 CDBN: EP042W
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY KCC, NUM. COUNTR.: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 54233	A1	19920623	EP 1981-110131	19911204
EP 54233	BL	19960924		
AT 4352808	A	19921005	OS 1980-215548	19901212
AU 22444	T	19901015	AU 1981-110275	19911204
IL 64502	A	19860331	IL 1981-64502	19921220
AO 8178458	A	19820617	AO 1981-78458	19911211
AO 546360	B2	19900829		
JP 03000353	B	19910305	JP 1981-199957	19911211
US 4439186	A	19840214	US 1980-354463	19900303
RU 2195	A2	19940130	RU 1982-1070	19920407
RU 193633	B	19871130		
EA 8108593	A	19820929	EA 1981-8593	19921210
PRIORITY APPL. INFO.			OS 1980-215548	A 19921212
			EP 1981-110131	A 19911204

OTHER SOURCE(S): CASREACT 97:182201; MERRIT 97:182201
 OI



AB Title compds. I and II [I] n = 0, 1; R, R2, R3 = H, halo, amino, NO2, (un)substituted indolyl or 1,2,4-triazolyl; p = 0, 1, 2, 3, 4; R1 = alkyl, alkenyl, alkynyl, cycloalkyl, heterocaryl; R2 and R3 independently are H, halo, alkyl, haloalkyl, NO2, (un)substituted amino) were prepared, and they are useful as fungicides and bactericides (no data).
 6-Chloro-2,3-dihydro-2-hydroxy-2-(3-indolylmethyl)benzo[b]thiophene reacted with NaH and 2-chloro-2-phenyl bromide to give II [I] n = 0, 1; R = 3-indolyl; R1 = 2-chloro-2-phenyl; R2 = 6-Cl; R3 = H, which

L4 ANOMER 12 OF 12. CASUS COPYRIGHT 2008 ACS on SYN (Continued)
exhibited proteasomal activity.
IT 5145-25-8P
N. SYN (Synthetic preparation); PREP (Preparation)
[preparation of]
PI 5145-25-8 CASUS
CI Thiazole, 4-[[[6-chloro-2,3-dihydro-2-(1H-imidazol-1-yl)methyl]benzo[b]thien-3-yl]oxy)methyl]-, cis- (PCL) (CA INDEX NAME)
Relative stereochemistry.

